

**PI 601812. *Helianthus maximiliani* Schrad.**

Wild. Maximilian Sunflower; HEMA2; ND-3651; 9008065; Ames 23867.  
Collected 09/06/1979 in South Dakota, United States. Elevation 497 m. NE 1/4 of NE 1/4 of NE 1/4, Section 10, Township 112 N, Range 76 W, in Hughes County. 0-1% slope with a northwest exposure. Pedigree - Selected from IEP in comparison with other accessions in 1983. Strong rhizomes, leaves wavy margined 4-6 inches long, gold flower.

The following were collected by J. McDermid; James Kramer. Donated by Michael Knudson, USDA, NRCS, Plant Materials Center, 3308 University Drive, Bismarck, North Dakota 58504-7564, United States. Received 08/22/1997.

**PI 601813. *Helianthus pauciflorus* Nutt.**

Wild. HEPAP2; Stiff Sunflower; ND-1396; 9047233; ND-1350; ND-1430; ND-1401; ND-1400; ND-1399; ND-1397; ND-1395; ND-1486; Ames 23868.  
Collected 09/05/1975 in North Dakota, United States. Burleigh, Dunn, Grant, Mercer, Oliver, and Slope Counties in central and western North Dakota. Pedigree - Composite of 9 accessions including: ND-1350, ND-1395, ND-1396, ND-1397, ND-1399, ND-1400, ND-1401, ND-1430, and ND-1486. Long rhizomes, leaves opposite, disk of head brown.

The following were developed by Cal F. Konzak, Washington State University, Crop Science Department, Johnson Hall 267, Pullman, Washington 99164, United States; Kimberlee Kidwell, Washington State University, 201 Johnson Hall, Pullman, Washington 99164-6420, United States. Received 03/18/1998.

**PI 601814. *Triticum aestivum* L., nom. cons.**

Cultivar. Pureline. "SCARLET"; K9200106; WA007802; NSGC 6525. Pedigree - Tifton  
3725/Walladay/3/Fielder//Bronz/Koeltz-7941s.5/5/Henry/Karn90,S.90//Burt/Onas 52/3/Lemhi 66/4/Yaktana 54A\*4//Norin 10/Brevor 14/6/Tifton  
3725/Walladay/3/Fielder//Bronz/Koeltz-7941S.5/7/Tecumseh/5/Tifton  
3725/Walladay/4/Bezostaja 1// (14x53-101)/Burt#4/3/Burt/Kenya Farmer 70136. Common-type, hard red spring wheat. Tall, awned, mid-season maturity, white straw and white glumes. Adapted for production in the semi-arid region (<14 inches average annual precipitation) of eastern Washington as a replacement for Butte 86. Superior yield potential and end-use quality compared to Butte 86 with a slightly lower test weight. High molecular weight glutenin subunits of 1(1A),7+9(1B) and 5+10(1D). Grain protein contents are similar to Butte 86 when grown in the target production region; however, grain protein contents tend to be low when planted in locations receiving more than 14 inches of precipitation. Moderately resistant to stripe rust, leaf rust and powdery mildew. Susceptible to the Hessian fly and Russian Wheat Aphid.

The following were developed by D.S. Murty, Int. Crops Res. Inst. for the Semi-Arid Tropics, No. 30, ICRISAT Phase 1 Colony, Patancheru P.O., Andhra Pradesh 500 009, India. Received 03/17/1998.

**PI 601815. *Sorghum bicolor* (L.) Moench**

Cultivar. Pureline. "ICSV 111"; KAPAALA; SPV-472. Pedigree - [(SPV 35 x